

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
PA
51-PHILA
709F -

NAVAL BASE PHILADELPHIA - PHILADELPHIA NAVAL SHIPYARD,
350-TON HAMMERHEAD CRANE

League Island
Philadelphia
Philadelphia County
Pennsylvania

HAER No. PA-387-F

All photographs by Jet Lowe, HAER staff photographer, Summer 1995.

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| PA-387-F-1 | VIEW SOUTHWEST OF 350-TON CRANE, OILER MILWAUKEE IN FOREGROUND. |
| PA-387-F-2 | VIEW EAST OF 350-TON HAMMERHEAD CRANE FROM PIER 5. |
| PA-387-F-3 | VIEW NORTH OF 350-TON CRANE FROM END OF PIER. |
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NAVAL BASE PHILADELPHIA - PHILADELPHIA NAVAL SHIPYARD,
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LEVEL; NOTE PIPE COPPERSMITH SHOP (HAER No. PA-387-T) IN
BACKGROUND TO RIGHT.

- PA-387-F-14 VIEW SOUTHWEST OF 350-TON CRANE, SHOWING ONE OF
FOUR CASTINGS WHICH SUPPORT A STATIONARY, TAPERED
STEEL GIRDER STRUCTURE CALLED A "TOWER." THIS TOWER
IS LOCATED WITHIN AN OUTER ROTATING FRAMEWORK
DESIGNATED AS THE "PINTLE" OF THE 350-TON CRANE. THE
WHOLE CRANE PIVOTS AROUND A BEARING AT THE TOP OF
THIS TAPERED SUPPORT TOWER.
- PA-387-F-15 VIEW OF BASE OF CRANE FROM OVERHEAD.
- PA-387-F-16 DETAIL VIEW SOUTHWEST OF MITER GEAR; NOTE CRANE
JACK TO RIGHT - MITER AND RACK AND PINION CENTER TOP
WITH UNIVERSAL JOINT AT LEFT.
- PA-387-F-17 SLEWING DRIVE MOTOR HOUSE ON LEFT; VIEW SOUTH - BASE
CASTING ON RIGHT WITH STRUCTURAL DETAILS ABOVE
PORTAL LEVEL.
- PA-387-F-18 VIEW SOUTHWEST OF MOTOR DRIVE IN INTERIOR OF
SLEWING MOTOR HOUSE.
- PA-387-F-19 VIEW SOUTH OF PORTAL OF 350-TON CRANE.
- PA-387-F-20 VIEW UP FROM PORTAL LEVEL INSIDE OF PYRAMIDAL
STRUCTURE TOWARD PINTLE.
- PA-387-F-21 INTERIOR LOOKING SOUTHWEST OF LOWER SLEWING MOTOR
HOUSE AND DRIVE.
- PA-387-F-22 VIEW OF SLEWING MECHANISM, MITER GEAR, UNIVERSAL
JOINT AND T GEARBOX.
- PA-387-F-23 VIEW OF CONTROL PANEL IN WINDING DRUM MACHINERY
ROOM.
- PA-387-F-24 VIEW SOUTH INSIDE CONTROL CAB.